

a communication link between the information remote monitor and ~~a~~ ^{the} remote center transferring corrected cardiac pressure data.

9. The system of claim 8 further comprising a personal computer interfaced between the information remote monitor and the remote center.

10. The system of claim 8 wherein the communication link comprises a modem and a transmission medium.

11. The system of claim 8 wherein the implantable medical device executes high resolution data collection upon occurrence of a trigger event selected from a group consisting of a bradycardia trigger, a tachycardia trigger, and a patient activated trigger.

12. The system of claim 8 wherein wireless communication between the information remote monitor and the implantable medical device is bi-directional.

13. The system of claim 8 wherein the information remote monitor comprises a housing and a detached antenna.

14. The system of claim 13 wherein the housing comprises a back panel, a front panel and a top structure having a slot for installation of the external pressure reference during download of barometric pressure data.

15. The system of claim 13 wherein the housing comprises a back panel having cradles to support the antenna in a stowed position.

16. The system of claim 13 wherein the housing comprises a back panel having a power panel comprising a power cord attachment, a serial data port, and a telephone jack.

A 17. The system of claim 16 further comprising a dialing sequence switch. *computer network*

A 18. The system of claim 13 wherein the housing comprises a front panel having a user interface panel comprising a power indicator, a first indicator of data download from the external pressure reference, and a second indicator of data transfer to the remote center.

19. The system of claim 8 wherein the information remote monitor simultaneously downloads data from the external pressure reference and data from the implantable medical device.

20. The system of claim 8 further comprising a personal computer connected to the information remote monitor to control the information remote monitor in programming the implantable medical device. *intend?*

21. The system of claim 8 wherein the information remote monitor includes an internal modem to dial the remote center and transfer data over the communication link in a protocol selected from a group consisting of FTP, PPP and TC/PIP protocols.

22. The system of claim 8 wherein the communication link comprises a transfer medium selected from a group consisting of a phone line, a cable modem, an ISD line, and a wireless data transmission system.

REMARKS

Claims 1 and 2 were rejected as being anticipated by Halperin (U.S. Patent No. 5,810,735). Claims 1-7 were rejected as being unpatentable as being obvious from Taepke (U.S. Patent No. 6,152,885) in view of DeLuca (U.S. Patent No. 6,238,338). By this response, claims 1-7 have been canceled and new claims 8-22 are being submitted.

Halperin and Taepke, as identified at pages 12 and 13 of the instant application, disclose the use of an external barometric pressure sensor used in combination with an absolute pressure